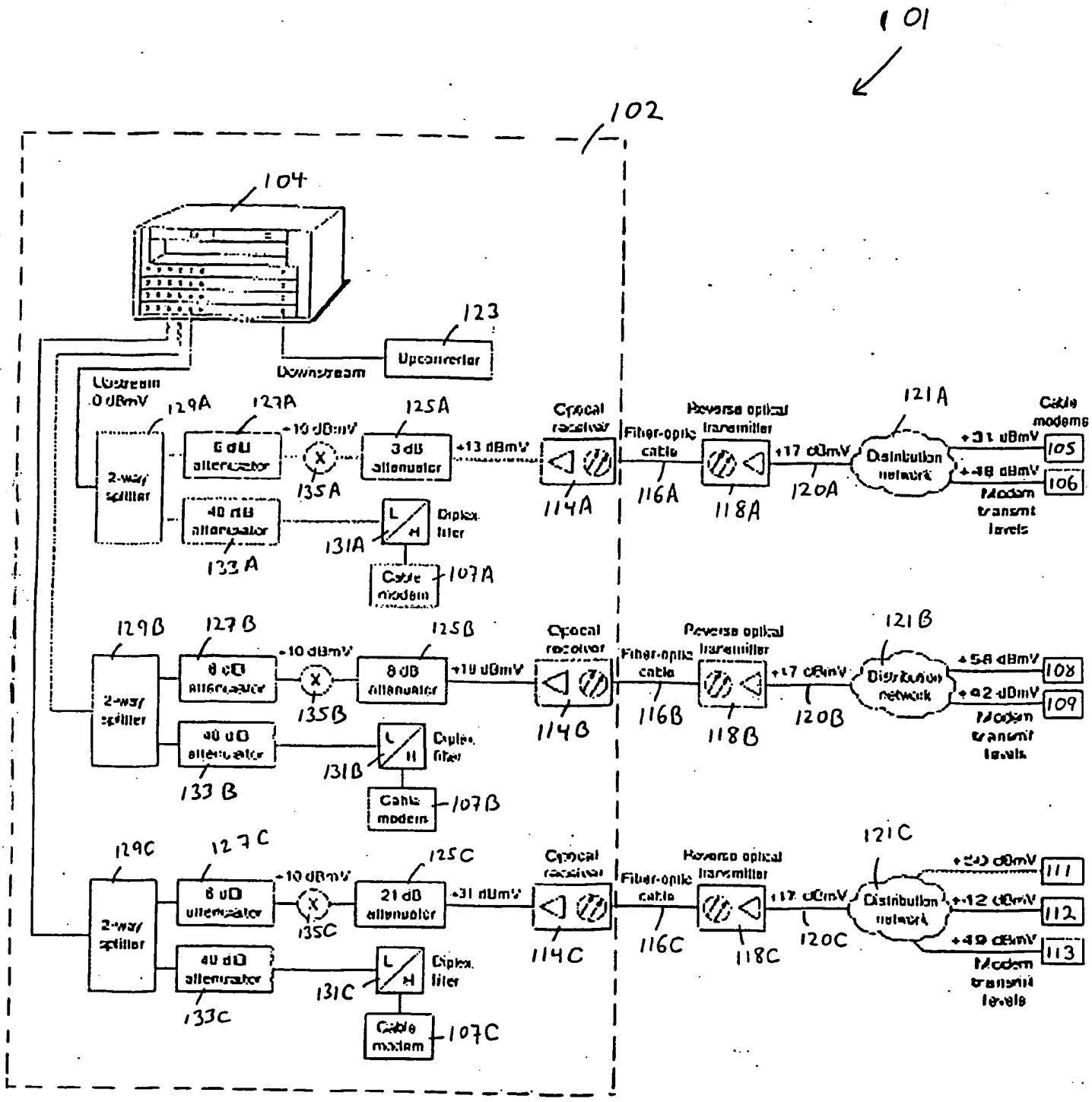
101
102
104
123
Upconverter
Downstream
Upstream
0 dBmV
129A
127A
125A
6 dB attenuator
-10 dBmV
3 dB attenuator
+13 dBmV
135A
2-way splitter
40 dB attenuator
133A
131A
L/H
Diplex filter
Cable modem
107A
Optical receiver
114A
Reverse optical transmitter
Fiber-optic cable
116A
118A
+17 dBmV
120A
121A
Distribution network
+31 dBmV
+48 dBmV
105
106
Cable modems
Modem transmit levels
129B
127B
125B
8 dB attenuator
-10 dBmV
8 dB attenuator
+18 dBmV
135B
2-way splitter
40 dB attenuator
133B
131B
Diplex filter
Cable modem
107B
Optical receiver
114B
Reverse optical transmitter
Fiber-optic cable
116B
118B
+17 dBmV
120B
121B
Distribution network
+58 dBmV
+42 dBmV
108
109
Modem transmit levels
129C
127C
125C
6 dB attenuator
-10 dBmV
21 dB attenuator
+31 dBmV
135C
2-way splitter
40 dB attenuator
133C
131C
Diplex filter
Cable modem
107C
Optical receiver
114C
Reverse optical transmitter
Fiber-optic cable
116C
118C
+17 dBmV
120C
121C
Distribution network
+49 dBmV
+42 dBmV
111
112
113
Modem transmit levels

Figure 1